COUNTRY  East Germany  The Miersdorf Institute of the East German No Academy of Sciences  PLACE ACQUIRED  DATE OF	D NO. 50X1-HUM  ATE DISTR. 6 April 1954  O. OF PAGES 1  O. OF ENCLS. 50X1-HUM  UPPLEMENT TO EPORT NO.
SUBJECT The Miersdorf Institute of the East German No Academy of Sciences  PLACE ACQUIRED  DATE OF	O. OF PAGES 1 O. OF ENCLS. ISTED BELOW) 50X1-HUM UPPLEMENT TO
PLACE ACQUIRED N. CL.	O. OF ENCLS.  STED BELOW)  50X1-HUN  UPPLEMENT TO
DATE OF SI	UPPLEMENT TO
THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES, WITHIN THE MEANING OF TITLE 18, SECTIONS 793 AND 794, OF THE U. S. CODE, AS MENDED. ITS TRANSMISSION OR REVELLATION OF ITS CONTENTS TO OR RECEIPT BY AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW THE REPRODUCTION OF THIS FORM IS PROHIBITED.	ATED INFORMATION

50X1-HUM

In the summer of 1951, the East German Academy of Sileness resolved to buy the former Institute for Nuclear Physics which had been sold to the East German Postal Administration after 1945. An 8-stage cascade generator designed for 2.2 MV and an output of 30 kVA was scheduled to be set up in the winter of 1953/1954. The generator was to furnish the electric current for two ionic tubes. Plans had been made annually to produce 300 to 500 cubic meters of heavy water in the laboratory. However, these plans were given up in late 1952. Professor Eder of the Second Institute of Physics at the East Berlin Humboldt University was ordered to copy a pilot plant designed by Professor Clusius for the rectification of liquid hydrogen. This plant was to furnish 10 grams of D20 per day.

•			- CLAS	SSIFICA	TION	SECRET	CONTF	OL -	U.S.	OFFICI	ALS	ONLY	 50X1-HUM
STATE #	x	NAVY	x	NSRB '		DIS	TRIBUT	ION					
ARMY	x	AIR	×	FBI		AEC.	x   05	I Ev	x		1		
ssified in Part - Sanitized Cony Approved for Release 2013/02/26 : CIA-RDP80S01540R004900130005-5													